

Review of Chapter 1.1-1.5

1.1 Simplifying Expressions

PEMDAS

1.2 Properties of Real Numbers

Commutative, Associative, Identity, Inverse, Distributive

Number sets $\mathbb{R} \supset \mathbb{Q} \supset \mathbb{I} \supset \mathbb{J} \supset \mathbb{W} \supset \mathbb{N}$

Additive and Multiplicative inverses

1.3 More Properties

Reflexive, Symmetric, Transitive,
Substitution, +, -, multiplication, division

Solving equations

Word Problems

1.4 Absolute value

Check

$x > 5$ 1.5 Solving Inequalities
Remember Set-Builder
and Interval notation

$$\{x | x > 5\} \quad (5, +\infty)$$

$$x \leq 3$$

$$\{x | x \leq 3\} \quad (-\infty, 3]$$

$$-5 < x \leq 8$$

$$(-5, 8]$$